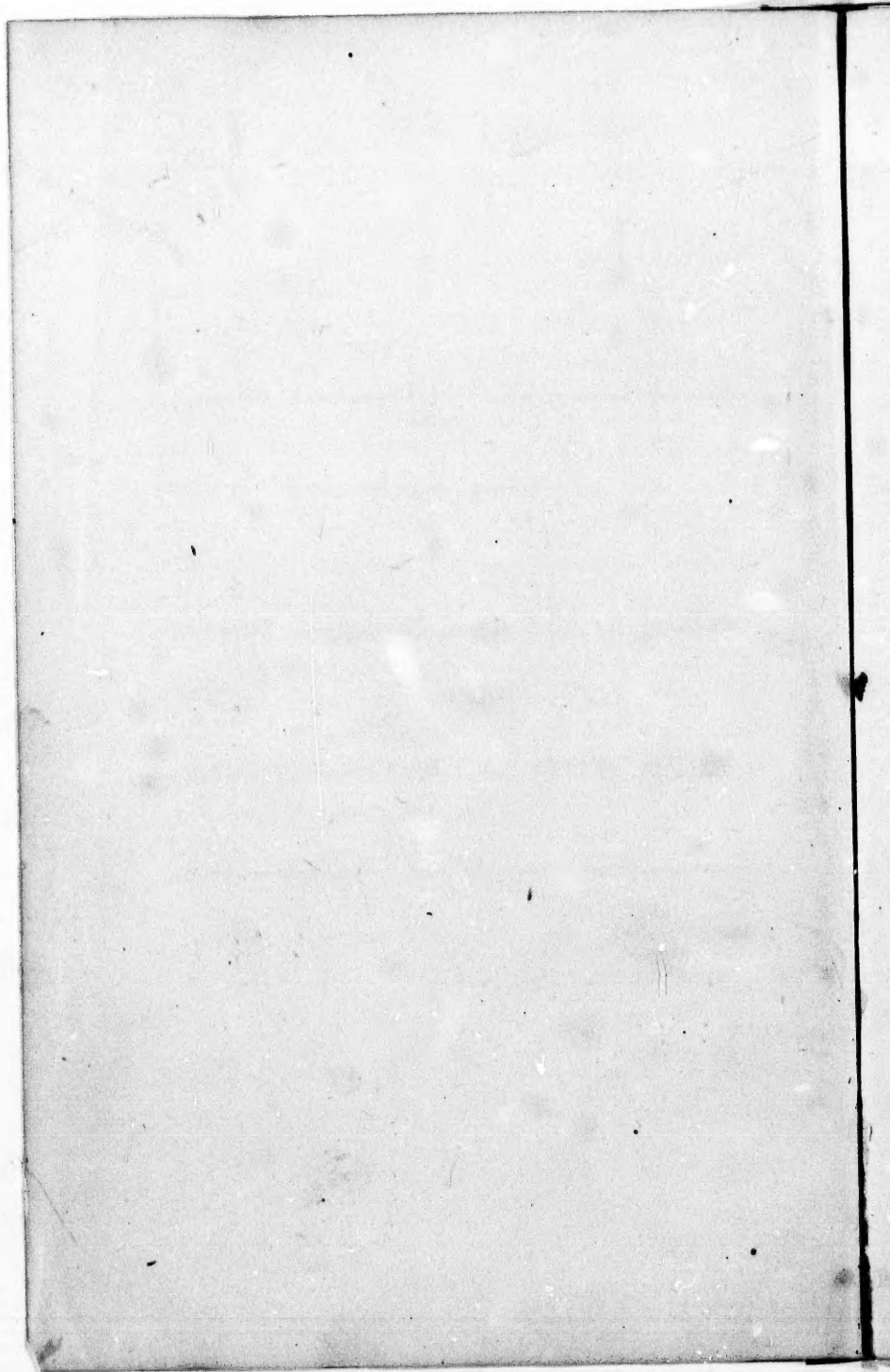




CATALOGUE

OF

Official Reports upon Geological Surveys

OF THE

UNITED STATES AND BRITISH PROVINCES.

Othniel Charles Marsh



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A CATALOGUE
OF
OFFICIAL REPORTS UPON GEOLOGICAL SURVEYS
OF THE
UNITED STATES AND BRITISH PROVINCES.

PART I.

IN arranging a set of American Geological Reports in the Library of Yale College, the following catalogue became necessary; and it is here published in the hope that it may be of service to geologists.*

PART I.—STATES EAST OF THE MISSISSIPPI RIVER.

MAINE.

1837. Chas. T. Jackson, 1st Ann. Rep., Augusta, 12mo, 128 pp. Atlas, 24 pl. 4423
1838. C. T. Jackson, 2d Ann. Rep., Augusta, 12mo, 168 pp. *
1839. " 3d " " 276 and lxxiv pp. *
1837. " 1st " Geol. of Public Lands, Maine and Mass., Boston, 12mo, 47 pp.
1838. C. T. Jackson, 2d Ann. Rep., Geol. of Public Lands, Maine and Mass., Boston, 12mo, 93 pp.
1839. Eszekiel Holmes, Explor. and Survey of Aroostook River Territory, Augusta, 12mo, 78 pp.
1862. E. Holmes and Chas. H. Hitchcock, 1st Ann. Rep., Nat. Hist. and Geol., Augusta, 8vo, 387 pp.
1863. E. Holmes and C. H. Hitchcock, 2nd Ann. Rep., Nat. Hist. and Geol., Augusta, 8vo, 447 pp.

NEW HAMPSHIRE.

1841. C. T. Jackson, 1st Ann. Rep., Concord, 12mo, 164 pp. 4437
1842. " 2d " " " 8 pp.
1844. C. T. Jackson, Final Rep., Concord, 4to, 379 pp., map, 2 sections. 1870
1845. " Views and Map, illustrating Scenery and Geology, Boston, 4to, 20 pp., 8 pl. 1872

* Of those Reports marked with an * one copy is needed at the Library of Yale College; and also one copy of any Report not included in the list: persons having them to dispose of are requested to notify the Librarian.

VERMONT.

- 4437
 1845. Chas. B. Adams, 1st Ann. Rep., Burlington, 8vo, 92 pp.
 1846. " 2d " " " 267 pp.
 1847. " 3d " " " 32 pp.
 1848. " 4th " " " 8 pp.
 1856. Augustus Young, Prelim. Rep. on Nat. Hist., Burlington, 12mo, 88 pp.
 1857. E. Hitchcock, 1st Ann. Rep., Montpelier, 12mo, 12 pp.
 1858. " 2d " Burlington, 12mo, 13 pp.
 1861. Edward Hitchcock, E. Hitchcock, Jr., A. D. Huger, and Chas. H. Hitchcock, Final Rep., Proctorsville, 4to, 2 parts, 988 pp., 38 pl.

MASSACHUSETTS.

- 4425
 1832. E. Hitchcock, Final Report (1st Part), Economic Geology, Amherst, 8vo, 71 pp., map.
 1833. E. Hitchcock, Final Report (complete), Amherst, 8vo, 700 pp., Atlas, 19 pl., map.
 1835. E. Hitchcock, Final Report (2d edition), Amherst, 12mo, 702 pp., Atlas, 19 pl., map.
 1838. E. Hitchcock, Rep. on Reëxamination Economic Geol., Boston, 12mo, 139 pp.
 1841. E. Hitchcock, Final Rep., Amherst, 4to, 831 pp., map and 55 pl.
 1853. " Rep. on Surface Geology, Boston, 8vo, 44 pp.
 1858. " Conn. River Sandstone (Ichnology of New England), Boston, 4to, xii and 220 pp., 60 pl.
 1865. E. Hitchcock, Supplement to Ichnology of New England, Boston, 4to, x and 96 pp., 20 pl.

RHODE ISLAND.

- 4432
 1840. Chas. T. Jackson, Final Rep., Providence, 8vo, 312 pp., map, section.

CONNECTICUT.

- 4433
 1837. Chas. U. Shepard (Mineralogy and Economic Geol.), New Haven, 8vo, 186 pp.
 1842. Jas. G. Percival, Final Report, New Haven, 8vo, 495 pp., map.

NEW YORK.

- 4434 + insert (west end)
 1836. John A. Dix, Rep. on proposed Survey, Albany, 8vo, 60 pp.
 1837. John Torrey, James E. DeKay, Lewis C. Beck, Wm. W. Mather, Ebenezer Emmons, Timothy A. Conrad, and Lardner Vanuzem, 1st Ann. Rep., Albany, 8vo, 212 pp.
 1838. J. E. DeKay, L. C. Beck, T. A. Conrad, W. W. Mather, E. Emmons, L. Vanuzem, and Jas. Hall, 2nd Ann. Rep., Albany, 8vo, 384 pp.
 1839. L. C. Beck, T. A. Conrad, W. W. Mather, E. Emmons, L. Vanuzem, and J. Hall, 3d Ann. Rep., Albany, 8vo, 351 pp.
 1840. J. E. DeKay, L. C. Beck, J. Torrey, T. A. Conrad, W. W. Mather, E. Emmons, L. Vanuzem, and J. Hall, 4th Ann. Rep., Albany, 8vo, 484 pp.
 1841. L. C. Beck, T. A. Conrad, W. W. Mather, E. Emmons, L. Vanuzem, and J. Hall, 5th Ann. Rep., Albany, 8vo, 184 pp.

1842. *L. C. Beck*, Final Rep. Mineralogy, Albany, 4to, 536 pp., 8 pl.
 1843. *W. W. Mather*, Final Rep. 1st Dist., Albany, 4to, 653 pp., 46 pl.
 1842. *E. Emmons*, Final Rep., 2d Dist., Albany, 4to, 427 pp., 17 pl.
 " *L. Vanuzem*, Final Rep., 3d Dist., Albany, 4to, 306 pp.
 1843. *J. Hall*, " " 4th " " 4to, 525 pp., 19 pl.
 1847. " " " Paleontology, Vol. I, Albany, 4to, 338 pp., 100 pl.
 1852. *J. Hall*, Final Rep., Paleontology, Vol. II, Albany, 4to, 362 pp., 104 pl.
 1859. *J. Hall*, Final Rep., Paleontology, Vol. III, Albany, 4to, 532 pp., 140 pl.
 1840. *E. Emmons*, Final Rep., Agriculture, Albany, 4to, 371 pp., 21 pl., map. (Contains Emmons's "Taconic System.")
 1850. *J. Hall*, 3d Reg. Rep., Appendix L, Contrib. to Paleontology, Albany, 8vo, 13 pp., 3 pl.
 1857. *J. Hall*, 10th Reg. Rep., Appendix C, Contrib. to Paleontology, Albany, 8vo, 148 pp.
 1859. *J. Hall*, 12th Reg. Rep., Appendix — Contrib. to Paleontology, Albany, 8vo, 90 pp.
 1860. *J. Hall*, 13th Reg. Rep., Appendix F, Contrib. to Paleontology, Albany, 8vo, 76 pp.
 1861. *L. Lincklaen*, 14th Reg. Rep., Appendix B, Guide to Geology N. Y., Albany, 8vo, 68 pp., 19 pl.
 1861. *J. Hall*, 14th Reg. Rep., Appendix C, Contrib. to Paleontology, Albany, 8vo, 22 pp.
 1862. *J. Hall*, 15th Reg. Rep., Appendix —, Contrib. to Paleontology, Albany, 8vo, 170 pp.
 1863. *J. Hall*, 16th Reg. Rep., Appendix D, Contrib. to Paleontology, Albany, 8vo, 210 pp., 11 pl.
 1864. *J. Hall*, 17th Reg. Rep., Appendix H, Albany, 8vo, 11 pp.
 1866. " 18th " " " " "

NEW JERSEY.

1836. *Henry D. Rogers*, 1st Rep., Philadelphia, 8vo, 188 pp., map.
 1840.* " Final Rep. (Descr. Geol. N. J.), Philadelphia, 8vo, 301 pp., map. (Reprinted without map, Trenton, 1865.)
 1855. *Wm. Kittell*, 1st Ann. Rep., New Brunswick, 8vo, 100 pp.
 1856. " 2d, " Trenton, 8vo, 248 pp.
 1857. " 3d, " 79 pp.
 1857. *Geo. H. Cook*, Rep. on Cape May Co., Trenton, 8vo, 211 pp., map.
 1864. " 1st Ann. Rep., Trenton, 8vo, 13 pp.
 1865. " 2d " " 24 pp., map, section.

PENNSYLVANIA.

1836. *H. D. Rogers*, 1st Ann. Rep., Harrisburg, 8vo, 22 pp.
 1838. " 2d " " 91 pp.
 1839. " 3d " " 119 pp.
 1840. " 4th " " 252 pp.
 1841. " 5th " " 179 pp.
 1842. " 6th " " 28 pp.

- * 1858. *H. D. Rogers*, Final Rep., Vol. I, Philadelphia, [printed at Edinburgh.] 4to, xxvii and 586 pp., 27 pl., 8 sect.
 1858. *H. D. Rogers*, Final Rep., Vol. II, Philadelphia, [printed at Edinburgh.] 4to, xxiv and 1045 pp., 45 pl., 7 sect.
 1858. *H. D. Rogers*, Final Rep., Atlas, Philadelphia, [printed at Edinburgh.] 4to, 2 maps (5 sheets), 2 sections.

4423

DELAWARE.

- 1839.* *Jas. C. Booth*, 1st and 2nd Ann. Rep., Dover, 8vo, 25 pp.
 1841. " Final Rep., Dover, 8vo, 188 pp.

4423

MARYLAND.

- * 1834. *J. T. Ducatel* and *J. H. Alexander*, Rep. on Projected Survey, Annapolis, 8vo, 39 pp., map.
 * 1834. *J. H. Alexander*, Rep. on New Map, Annapolis, 8vo, 12 pp., map.
 1835.* " Rep. Annapolis, 8vo, 34 pp.
 1837. " Rep. " 8vo, 44 pp.
 1834. *J. T. Ducatel*, 1st Ann. Rep., Annapolis, 8vo, 44 pp.
 1835.* " 2d Ann. Rep., " 8vo, 60 pp. Map and sect'ns.
 1836. " 3d Ann. Rep., " 8vo, 60 pp. Map and sect'ns.
 1837. " 4th Ann. Rep., Annapolis, 8vo, 60 pp.
 1838. " 5th " " 8vo, 33 pp., 4 pl.
 1839.* " 6th " " 8vo, 40 pp.
 1840. " 7th " " 8vo, 59 pp. 3 pl.
 1860. *Philip T. Tyson*, 1st Bienn. Rep., Annapolis, 8vo, 145 and 20 pp., map.
 1862. *P. T. Tyson*, 2d Bienn. Rep., Annapolis, 8vo, 92 pp.

4434

VIRGINIA.

1836. *Wm. B. Rogers*, Rep. Geol. Recon., Philadelphia, 8vo, 143 pp., section.
 1838. *W. B. Rogers*, 1st and 2d Ann. Reps., Philad., 8vo, 87 pp.
 1839. " 3d Ann. Rep., Philad., 4to, 52 pp.
 1840. " 4th " Richmond, 8vo, 161 pp.
 1841. " 5th " " 132 pp.

4431

NORTH CAROLINA.

1824. *Denison Olmsted*, 1st Ann. Rep., "Part I," —, 12mo, 84 pp.
 1852. *E. Emmons*, " " Raleigh, 12mo, 181 pp.
 1854. " Rep. on Midland Counties, New York and Raleigh, 8vo, 351 pp., 15 pl.
 1858.* *E. Emmons*, Rep. Agric. Eastern Counties, New York and Raleigh, 8vo, 314 pp.
 1867. *W. C. Kerr*, Rep. Progress of Survey, Raleigh, 8vo, 56 pp.

4432

SOUTH CAROLINA.

- 1826.* *L. Vanuxem*, Rep. published in newspapers, and most of it in Mills' Statistics of S. C.
 1843.* *Edmund Ruffin*, Agricultural Rep., with Appendix, Columbia, 8vo, 176 pp.

1844. *M. Tuomey*, 1st Ann. Rep., Columbia, 12mo, 63 pp. (including Suppl. to Ruffin's Rep.)
 1848. *M. Tuomey*, Final Rep., Columbia, small 4to, 293 and lvi pp., map.
 1857. *Oscar M. Lieber*, 1st Ann. Rep., Columbia, 8vo, 136 pp., 9 pl.
 1858. " 2d " " 8vo, 143 " 5 "
 1859. " 3d " " 8vo, 223 " 3 "
 1860.* " 4th " " 8vo, 194 " 4 "

ALABAMA.

- * 1850. *M. Tuomey*, 1st Biennial Rep., Tuscaloosa, 8vo, xxii and 176 pp.
 1853.* " map. —
 1858. " 2d Biennial Rep., Montgomery, 8vo, xix and 292 pp., map (edited by J. W. Mallet).

MISSISSIPPI.

- * 1854. *B. L. C. Wailes*, 1st Rep., Jackson, 8vo, 371 pp.
 1857. *L. Harper*, Prelim. Rep., Jackson, 8vo, 350 pp., 7 pl., map.
 1858.* *Eug. W. Hilgard*, Ann. Rep., Geol. and Agric., Jackson, 12mo, 22 pp.
 ✓ 1860. *E. W. Hilgard*, Rep. Geol. and Agric., Jackson, 8vo, 391 pp., map.

TENNESSEE.

1835. *G. Troost*, 3d Rep., Nashville, 12mo, 32 pp., map.
 1837. " 4th " " " 37 pp. "
 1840. " 5th " " 8vo, 75 pp. "
 1841.* " 6th " " 12mo, 48 pp. "
 1844.* " 7th " " 8vo, 45 pp. "
 1845.* " 8th " " 12mo, 40 pp. "
 1848. " 9th " " " 39 pp., 2 pl.
 [Troost's 1st and 2d Reports were not published.]
 1856. *Jas. M. Safford*, 1st Biennial Rep., Nashville, 8vo, 164 pp., map.
 1857. " 2d " " " 11 pp.
 1857. " 3d " " " 11 pp.

KENTUCKY.

- * 1839. *W. W. Mather*, Rep. of Geol. Recon. (1838), Frankfort, 8vo, 40 pp.
 1856. *David D. Owen*, 1st Rep., Frankfort, 8vo, 416 pp., 7 pl., 2 maps, 7 sections.
 1857. *D. D. Owen*, 2d Rep., Frankfort, 8vo, 391 pp., Atlas of 10 pl., and 1 chart.
 1857. *D. D. Owen*, 3d Rep., Frankfort, 8vo, 589 pp., Atlas of 10 pl., and 1 chart.
 1861. *D. D. Owen*, 4th Rep., Frankfort, 8vo, 616 pp.

OHIO.

1836. *S. P. Hildreth*, Legialative Rep. on Survey, Columbus, 12mo, 18 pp., 2 sections.
 1837. *John L. Riddell*, Legislat. Rep. on Survey, Columbus, 8vo, 34 pp.
 1838. *W. W. Mather*, 1st Ann. Rep., Columbus, 8vo, 134 pp.
 " " 2d " " 8vo, 286 "

INDIANA.

1838. *D. D. Owen*, 1st Rep., Indianapolis, 8vo, 34 pp.
 1839. " 2d " " 54 "
 1855.* *R. T. Brown*, Letter to Agric. Board, Indianapolis, 8vo, 30 pp.
 1862. *D. D. Owen* and *Richard Owen*, Rep. Geol. Recon., Indianapolis, 8vo, xvi and 368 pp., 11 pl.

ILLINOIS.

1853. *J. G. Norwood*, Rep. Prog., Springfield, 8vo, 13 pp.
 1857. " " on Coals, Chicago, " 98 "
 1866. *A. H. Worthen*, Rep. Geology, Vol. I, Springfield, large 8vo, 504 pp., with map and sections.
 " *A. H. Worthen*, Rep. Palaeontology, Vol. II, Springfield, large 8vo, 474 pp. 50 plates. (Vertebrates by J. S. Newberry and A. H. Worthen; Invertebrates by F. B. Meek and A. H. Worthen; and Plants by Leo Lesquereux.)

MICHIGAN.

1838. *Douglass Houghton*, 1st Rep., Detroit, small 8vo, 37 pp.
 1839. " 2d " " 39 and 123 pp.
 1840.* " on Salt Springs, (House Doc. Vol. I, p. 18.)
 " 3d Ann. Rep., Detroit, 8vo, 124 pp.
 1841. " 4th " " 184 "
 " * " Rep. Progress of Maps, —
 1842.* " 5th Ann. Rep., —
 1861. *A. Winchell*, 1st Biennial Rep., Lansing, 12mo, 339 pp.
 1846. *A. B. Gray*, Rep. to War Dept. on Mineral Lands, Lake Superior, Washington, 8vo, 23 pp., map.
 1849. *Chas. T. Jackson*, Rep. (U. S.) on Mineral Lands, Washington, 8vo, 237 pp., 6 maps.
 1849. *J. W. Foster* and *J. D. Whitney*, Rep. (U. S.) on Mineral Lands, Washington, 8vo, 330 pp., 9 maps, 7 pl.
 1849. *Wm. A. Burt*, Rep. (U. S.) Mineral lands L. Superior, Washington, 8vo, 63 pp.
 " *Bela Hubbard*, Rep. (U. S.) Mineral lands L. Superior, Washington, 8vo, 76 pp.
 1850. *J. W. Foster* and *J. D. Whitney*, Rep. (U. S.) Geol. L. Superior Land Dist., Part I, Washington, 8vo, 224 pp., 4 maps, 12 pl.
 1851. *J. W. Foster* and *J. D. Whitney*, Rep. (U. S.) Geol. L. Superior Land Dist., Part II, Washington, 8vo, xvi and 406 pp., 35 pl.

WISCONSIN.

1854. *Edward Daniels*, 1st Ann. Rep., Madison, 12mo, 84 pp.
 1855. *J. G. Percival*, " " " " 101 " map.
 1856. " 2d " " " 111 "
 1858. *Edward Daniels*, " " " " 62 "
 " " and others, " " " " 12 "
 1860.* *J. Hall*, Ann. Rep. (for 1859), Madison, —
 1861. " " Madison, 12mo, 52 pp.
 1862. *J. Hall* and *J. D. Whitney*, Final Rep., Vol. I, Albany, 8vo, 455 pp., 10 pl., 2 maps.

PART II.

STATES AND TERRITORIES WEST OF THE MISSISSIPPI RIVER, AND
BRITISH PROVINCES.

MINNESOTA.

1866. *Henry H. Eames*, 1st Ann. Rep., Saint Paul, 8vo, 23 pp.
" *Charles Whittlesey*, Rep. on Mineral Regions, Cleveland, 8vo, 54 pp.

IOWA.

1858. *J. Hall and J. D. Whitney*, Final Rep., vol. I, Albany, 8vo, 724 pp., 29 pl., 2 sect., map.
1859. *J. Hall and J. D. Whitney*, Suppl., vol. I, Albany, 8vo, 4 pp.
1860. " " " 8vo, 94 pp., 3 plates.
1860. " " " Ann. Rep., Des Moines, 8vo, 75 pp.
1861.* *J. Hall*, Prelim. Notice of New Crinoidea, Albany, 8vo, 18 pp.
1867. *C. A. White*, 1st Ann. Rep., Des Moines, 8vo, 4 pp.

IOWA, WISCONSIN AND ILLINOIS.

- 1844. *D. D. Owen*, Rep. to Treas. Dept., Washington, 8vo, 191 pp., 16 pl., 4 maps.

WISCONSIN AND IOWA.

- 1848. *D. D. Owen*, Rep. on Chippewa Land Dist., Washington, 8vo, 134 pp., 23 pl., 14 sect., maps.

WISCONSIN, IOWA AND MINNESOTA.

- 1852. *D. D. Owen*, Final Rep. (U.S.), Philadelphia, 4to, 638 pp., 27 pl., 16 sect., map.

MISSOURI.

- 1855. *G. C. Swallow*, 1st and 2d Ann. Rep., Jefferson City, 8vo, 207, and 238 pp., 32 pl., 5 maps.
1857.* *G. C. Swallow*, 3d Ann. Rep., — " "
1859.* " 4th " " Jefferson City, 8vo, 14 pp.
1861.* " 5th " " " "
" " Geol. Rep. on S. W. Branch Pacific R. R., St. Louis, 8vo, 93 pp., map.

KANSAS.

1866. *Benj. F. Mudge*, 1st Ann. Rep., Lawrence, 8vo, 56 pp.
" *G. C. Swallow*, Prelim. Rep., Lawrence, 8vo, 198 pp.

ARKANSAS.

- 1858. *D. D. Owen*, 1st Rep., Little Rock, 8vo, 256 pp.
1860. " 2d " Philadelphia, 8vo, 433 pp.

1865 Miami Co

LOUISIANA.

1853. *Randolph B. Marcy*, Rep. to War Dept. on Red River of La., (Geology by E. Hitchcock and G. G. Shumard; Paleontology, by B. F. Shumard,) 8vo, 320 pp., 66 sect. and plates.

TEXAS.

1859. *B. F. Shumard*, 1st Ann. Rep., Austin, 12mo, 17 pp.

ROCKY MOUNTAIN REGION.

1809. *M. Lewis and W. Clark*, Expedition across American Continent in 1804-6, by order United States Government, Philadelphia, 8vo, 2 vols. (London, 4to, 1814, and 8vo, 3 vols. 1817), maps.
- 1810.* *Z. M. Pike*, Expedition in western Territories in 1805-7, by order U. S. Government, Philadelphia, 8vo, maps, (London, 4to, 1811).
- 1823.* *Stephen H. Long*, Expedition from Pittsburg to Rocky Mts., in 1819-20, (War Dept.) (Compiled by Edwin James,) Philadelphia, 8vo, 2 vols. 503, and 442 pp. Atlas, (London, 8vo, 3 vols. 1823).
- 1824.* *S. H. Long*, Exped. to sources of St. Peter's River, in 1823, (War Dept.) (Geology by Wm. H. Keating,) Philadelphia, 8vo, 2 vols., maps, (London, 8vo, 2 vols. 1825).
- 1835. *G. W. Featherstonhaugh*, Rep. on Elevated Country between Missouri and Red Rivers, Washington, 12mo, 97 pp.
- 1836. *G. W. Featherstonhaugh*, Rep. on Geol. Recon., via Wisconsin, to Coteau de Prairie, Washington, 12mo, 168 pp.
1843. *I. N. Nicollet*, Rep. to illustrate Map of Hydrographical Basin of Mississippi River, Washington, 8vo, 170 pp.
1845. *John C. Fremont*, Exped. to Rocky Mts. in 1842-4, (War Dept.), (Paleontology by James Hall), Washington, 8vo, 693 pp.
1848. *W. H. Emory*, Exped. from Fort Leavenworth to California, (War Dept.), includes Reports of J. W. Albert, P. S. Cooke, and A. R. Johnson, (Paleontology by J. W. Bailey), Washington, 8vo, 614 pp., maps.
- *A. Wislizenus*, Rep. of tour to North Mexico in 1843-7, with Col. Doniphan's Expd., Washington, 8vo, 141 pp., maps.
1852. *Howard Stansbury*, Exped. to Great Salt Lake, (War Dept.), (Geology and Paleontology by James Hall,) Washington and Philadelphia, 8vo, 487 pp., maps.
1853. *L. Sitgreaves*, Exped. down Zuni and Colorado Rivers, (War Dept.), Washington, 8vo.
1856. *G. K. Warren*, Exped. to Rocky Mts. in 1855, (Geology by F. V. Hayden), Washington, 8vo.
1857. *W. H. Emory*, Rep. on U. S. and Mexican Boundary Survey, vol. I, (Geology by C. C. Parry, A. Schott, W. H. Emory, and James Hall; Paleontology by James Hall and T. A. Conrad), Washington, 4to, 21 plates.
1859. *W. H. Emory*, Rep. on U. S. and Mex. Boundary, vol. II, Botany and Zoology; no Geology, Washington, 4to, plates.
1855. *Rep. on Pacific Railroad Exploration*, (War Dept.), vol. I, (Geology by George Gibbs), Washington, 4to.

1855. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. II, (Geology by James Schiel and Wm. P. Blake; Paleontology by J. Schiel, J. W. Bailey, and W. P. Blake), Washington, 4to, plates.
1856. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. III, (Geology, by W. P. Blake, and Jules Marcou; Paleontology by James Hall), Washington, 4to, plates.
- " *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. IV, Botany; no Geology, Washington, 4to, plates.
- " *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. V, (Geology by W. P. Blake; Paleontology by L. Agassiz, T. A. Conrad, J. W. Bailey, and Geo. C. Schäffer), Washington, 4to, plates.
1857. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. VI, (Geology by J. S. Newberry; Paleontology by T. A. Conrad), Washington, 4to, plates.
1857. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. VII, (Geology by Thos. Antisell; Paleontology by T. A. Conrad), Washington, 4to, plates.
1857. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. VIII, Zoology; no Geology, Washington, 4to, plates.
1858. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. IX, Zoology; no Geology, Washington, 4to, plates.
1859. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. X, Zoology; no Geology, Washington, 4to, plates.
1855. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. XI, Literature of Surveys, and maps; no Geology, Washington, 4to.
1860. *Rep. on Pacific R. R. Explor.*, (War Dept.), vol. XII, Parts I and II, Botany and Zoology; no Geology, Washington, 4to, plates.
1862. *F. V. Hayden*, Rep. on Geology of Upper Missouri Region, Philadelphia, 4to, 218 pp., map.
1865. *F. B. Meek and F. V. Hayden*, Rep. on Paleontology of the Upper Missouri, Part I, (Smithsonian Cont.) Washington, 4to, 135 pp., 5 plates.

PACIFIC COAST REGION.

OREGON AND NORTHERN CALIFORNIA.

1848. *J. C. Fremont*, Rep. upon Upper California, Washington, 8vo.
1850. *James D. Dana*, Rep. on Geology of U. S. Explor. Exped., in 1838-42, New York, 4to, Atlas.
1850. *P. T. Tyson and others*, Reps. to War Dept., Washington, 8vo, 128 and 37 pp., 12 maps and sections.
1854. *Wm. P. Blake*, Rep. to War Dept., Washington, 8vo, 80 pp.

CALIFORNIA.

1853. *John B. Trask*, 1st Ann. Rep. Geol. Sierra Nevada, — 1, 8vo, 31 pp.
1854. *J. B. Trask*, 2d Ann. Rep. Geol. Coast Mts. and part of S. Nevada, — 1, 8vo, 95 pp.
1855. *J. B. Trask*, 3d Ann. Rep. Geol. Coast Mts., Sacramento, 8vo, 93 pp.

1856. *J. B. Trask*, 4th Ann. Rep. Northern and Southern Cal., Sacramento, 8vo, 66 pp.
 1855. *W. P. Blake*, Rep. to Coast Survey on Geology of Cal., Washington, 22 pp., 4to.
 1861. *Josiah D. Whitney*, Address to Legislat., on Survey, San Francisco, 12mo, 50 pp.
 1862. *J. D. Whitney*, Letter to Governor (Rep. of Progress), San Francisco, 8vo, 7 pp.
 1862.* *J. D. Whitney*, Address to Legislat., on Survey, San Francisco, 12mo, 33 pp.
 1863. *J. D. Whitney*, 2nd Ann. Rep., San Francisco, 8vo, 12 pp.
 1864. *J. D. Whitney*, Rep. Paleontology, vol. I, Philadelphia, 8vo, 243 pp., 32 pl. (Carboniferous and Jurassic Fossils by F. B. Meek; Triassic and Cretaceous, by W. M. Gabb.)
 1865. *J. D. Whitney*, Rep. Geology, vol. I, Philadelphia, 8vo, 498 pp., 10 plates.
 1866. *J. D. Whitney*, Rep. Paleontology, vol. II, part I, Philadelphia, 8vo, 38 pp. (Tertiary Invertebrate Fossils by W. M. Gabb.)
 1866. *J. D. Whitney*, Letter to Governor on Survey, San Francisco, 8vo, 14 pp.

CALIFORNIA AND ARIZONA.

1861. *Joseph C. Ives*, Rep. on Colorado River, Washington, 4to, plates, (Geology and Paleontology by J. S. Newberry.)

BRITISH PROVINCES.

NEWFOUNDLAND.

- 1839.* *J. B. Jukes*, Prelim. Rep. (Legislative Doc.), folio, St. Johns.
 1842.* " General Rep. in Author's "Excursions in and about Newfoundland," London, 12mo, 2 vols. (Separate, with sections, London, 12mo, 160 pp. 1843.)

NOVA SCOTIA.

- 1846.* *J. W. Dawson*, Rep. on Coal-fields of Caribou Cove, &c. (Legis. Doc.) Halifax, folio.
 1860. *Joseph Howe, and Henry How*, Rep. on Discovery of Gold in Nova Scotia, (Legis. Doc.) Halifax, folio, 4 pp.
 1861. *J. Howe*, Rep. on Gold-fields. (Legis. Doc.) Halifax, folio, 7 pp.
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 1864.* *David Honeyman*, Rep. on Geol. Survey of Nova Scotia, and Cape Breton. (Appendix on Minerals by H. How.) (Legis. Doc.) Halifax, folio, 7 pp.
 1865. *H. How*, Rep. on Minerals collected by D. Honeyman. (Legis. Doc.) Halifax, folio, 4 pp.

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